



Mathematics Department

The Mathematics Department at Sir Thomas Rich's School is extremely strong, comprising staff who are passionate about the subject and who support each other by sharing resources and ideas. At present, there are ten teachers of Mathematics, with two of those teaching part of a timetable. We also have some members of other departments teaching some lower school classes. The department shares responsibilities out amongst its staff, with everyone willing to make their contribution to ensure everything runs smoothly.

We hope to appoint a colleague who can work as part of a team, who can contribute to the development of new schemes of work and resources, and who can share innovative teaching and learning strategies. We would also welcome any kind of contribution to the extra-curricular provision the department offers.

At Key Stage 3, boys are taught in form groups in Year 7 and Year 8 but then get placed into sets according to ability for the beginning of Year 9. They follow a bespoke scheme of work that roughly follows the Maths Frameworking course, and each pupil has a textbook for work in school and a digital copy for use outside of school. All year groups from Year 7 to Year 9 have six periods a fortnight. The Year 9 teacher usually stays with their group through to Year 11 to ensure consistency during their GCSE studies.

At GCSE, we follow the AQA 8300 specification. We have six sets from Year 9 onwards (two top sets, two middle sets and two lower sets), which allows for slightly smaller groups at the lower end of the ability range. The top sets study AQA Further Maths 8365 alongside the GCSE; the two parallel second sets often study parts of the additional course to enrich their learning, depending on how quickly the content of the GCSE is covered. Year 10 and Year 11 have six periods a fortnight.

We have a proud tradition of attracting a large number of students to study Mathematics in the Sixth Form, with the Year 12 normally comprising around 120 students. We usually have five Single Mathematics sets and two Further Mathematics sets in Year 12, with the single sets sometimes dropping to four in Year 13 to account for those not wishing to continue with four subjects into Year 13. The specification followed is Edexcel (9MA0) and we currently provide students with Pearson textbooks for use in school and access to the Active Learn platform for use at home.

The department is housed in six light and spacious classrooms, each with its own standalone computer and interactive projector; the department also has use of other classrooms around the school. Access to ICT for whole classes is through one of the four readily bookable ICT rooms.

We require a colleague who is prepared to work hard and contribute to the ongoing success of the department and the school. Expectations and standards are high, as historic results show, and both students and teachers need to have a mutual commitment to succeed. The ideal candidate would be a strong GCSE teacher, preferably able to also take on some A Level classes. Our students are stimulating and challenging learners who respond very positively to engaging and enthusiastic teachers. The department offers a pleasant and supportive working environment, the opportunity to develop, and the chance to work with a positive team and well-motivated, highly able students.

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